

PATENT
Our Docket: P-IS 4988

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of)
 Ideker and Hood)
Serial No: 09/993,312)
)
Filed: November 13, 2001)
)
For: Multiparameter)
 Integration Methods for)
 The Analysis of Biological)
 Networks)
)
)

Commissioner for Patents
Washington, D.C. 20231

APPOINTMENT OF ASSOCIATE ATTORNEY

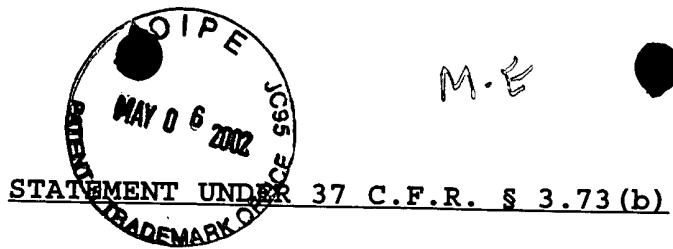
I am attorney of record in the above-referenced patent application and, pursuant to 37 C.F.R. 1.34b, I hereby appoint David A. Gay, Registration No. 39,200, Calvin A. Fan, Registration No. 38,444, Andrea L. Gashler, Registration No. 41,029, James J. Wong, Registration No. 34,949, Deborah L. Cadena, Registration No. 44,048, Melanie K. Webster, Registration No. 45,201, Astrid R. Spain, Registration No. 47,956, Kimberly J. Prior, Registration No. 41,483, John T. Murphy, Registration No. 50,583, and Pamela M. Guy, Registration No. 51,228, as associate attorneys of record to prosecute this application as well as any continuation and divisional applications and to transact all business in the Patent and Trademark Office in connection therewith.

Respectfully submitted,

Cathryn Campbell

Cathryn Campbell
Registration No. 31,815
Telephone: (858) 535-9001
Facsimile: (858) 535-8949

CAMPBELL & FLORES LLP
4370 La Jolla Village Drive
7th Floor
San Diego, California 92122
USPTO CUSTOMER NO. 23601



M.E

03CD

Title of Application: MULTIPARAMETER INTEGRATION METHODS FOR THE ANALYSIS OF BIOLOGICAL NETWORKS

Application Ser. No.: 09/993,312

Filed: November 13, 2001

Inventors: Ideker and Hood

Attorney Docket No.: P-IS 4988

UNIVERSITY OF WASHINGTON states that it is a co-assignee with The Institute for Systems Biology of the entire right, title and interest in the patent application identified above by virtue of an assignment from one of the inventors of the application. A copy of the executed assignment, submitted for recording, is attached hereto as documentary evidence of the chain of title to the assignee.

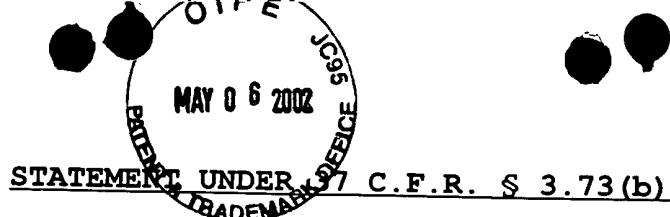
The undersigned is empowered to sign this statement on behalf of the assignee.

Date: Feb. 21, 2002

Signature: A. Kleiser

Name: Annette Kleiser

Title: Technology Manager



Title of Application: MULTIPARAMETER INTEGRATION METHODS FOR THE ANALYSIS OF BIOLOGICAL NETWORKS

Application Ser. No.: 09/993,312

Filed: November 13, 2001

Inventors: Ideker and Hood

Attorney Docket No.: P-IS 4988

THE INSTITUTE FOR SYSTEMS BIOLOGY states that it is a co-assignee with the UNIVERSITY OF WASHINGTON of the entire right, title and interest in the patent application identified above by virtue of an assignment from one of the inventors of the application. A copy of the executed assignment, submitted for recording, is attached hereto as documentary evidence of the chain of title to the assignee.

The undersigned is empowered to sign this statement on behalf of the assignee.

Date: 4/20/02

Signature: G. Michael Arnold

Name: G. Michael Arnold

Title: Vice President and
Chief Operating Officer

POWER OF ATTORNEY FOR PATENT APPLICATION BY ASSIGNEE

Assignee UNIVERSITY OF WASHINGTON is a co-owner of the entire right, title and interest of U.S. patent application serial no. 09/993,312, filed on November 13, 2001, as attorney docket number P-IS 4988, and entitled MULTIPARAMETER INTEGRATION METHODS FOR THE ANALYSIS OF BIOLOGICAL NETWORKS, and any subsequently filed divisional, continuation, continuation-in-part or reissue application, including international and foreign applications claiming priority thereto.

The Assignee hereby appoints the following attorneys to prosecute these applications and to transact all related business in the United States Patent and Trademark Office and any international and foreign patent offices:

CATHRYN CAMPBELL, Registration No. 31,815; DAVID A. GAY, Registration No. 39,200; CALVIN A. FAN, Registration No. 38,444; ANDREA L. GASHLER, Registration No. 41,029; JAMES J. WONG, Registration No. 34,949; DEBORAH L. CADENA, Registration No. 44,048; MELANIE K. WEBSTER, Registration No. 45,201; ASTRID R. SPAIN, Registration No. 47,956; MARGARET M. PARR, Registration No. 48,111; and KIMBERLY J. PRIOR, Registration No. 41,483.

Please direct all telephone calls to Cathryn Campbell at (858) 535-9001 and address all correspondence to:

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San Diego, California 92122
USPTO CUSTOMER NO. 23601

Inventors: Ideker and Hood
Serial No.: 09/933,312
Filed: November 13, 2001
Page 2

The undersigned is authorized to sign on behalf of the
Assignee.

Signature:



Name (typed):

Annette Kleiser

Title:

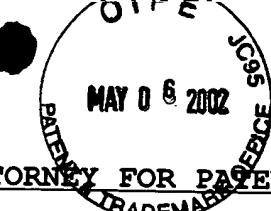
Technology Manager

Assignee:

University of Washington

Date:

Feb 21, 2002



POWER OF ATTORNEY FOR PATENT APPLICATION BY ASSIGNEE

Assignee THE INSTITUTE FOR SYSTEMS BIOLOGY is a co-owner of the entire right, title and interest of U.S. patent application serial no. 09/993,312, filed on November 13, 2001, as attorney docket number P-IS 4988, and entitled MULTIPARAMETER INTEGRATION METHODS FOR THE ANALYSIS OF BIOLOGICAL NETWORKS, and any subsequently filed divisional, continuation, continuation-in-part or reissue application, including international and foreign applications claiming priority thereto.

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Serial No.: 09/933,312
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Page 2

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Signature:



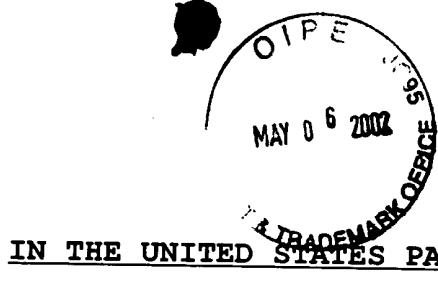
Name (typed): G. Michael Arnold

Title: Vice President and Chief Operating Officer

Assignee: THE INSTITUTE FOR SYSTEMS BIOLOGY

Date:





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 INTEGRATION METHODS FOR)
 THE ANALYSIS OF)
 BIOLOGICAL NETWORKS)
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Commissioner for Patents
Washington, D.C. 20231

Sir:

SMALL ENTITY STATEMENT

The U.S. Patent and Trademark (USPTO) permits parties that establish status as a Small Entity to pay certain reduced fees (all citations to 37 C.F.R. § 1.27 except as noted). To be entitled to Small Entity Status, a party must be at least one of the following:

(1) Individual person:

An individual person, including an inventor and persons to whom an inventor has transferred some rights in the invention. § 1.27(a)(1).

(2) Small business concern:

A business concern whose number of employees, including affiliates, does not exceed 500 persons. § 1.27(a)(2) (incorporating 13 C.F.R. § 121.802).

"Business concern" means individual proprietorship, partnership, limited liability company, corporation, joint venture, association,

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Page 2

trust or cooperative. If the concern is a joint venture, participation by foreign business entities may not be more than 49%. 13 C.F.R. § 121.105.

The "number of employees" is the average number of employees, including the employees of its domestic and foreign affiliates, based on numbers of employees for each of the pay periods for the preceding completed 12 calendar months.

"Employees" includes all individuals employed on a full-time, part-time, temporary, or other basis. Part-time and temporary employees are counted the same as full-time employees. If a concern has not been in business for 12 months, use the average number of employees for each of the pay periods it has been in business. 13 C.F.R. § 121.106.

Concerns are "affiliates" of each other when one concern directly or indirectly controls or has the power to control the other, or when a third party or parties controls or has the power to control both concerns. 13 C.F.R. § 121.103(a).

(3) Nonprofit organization:

A university or other institution of higher education located in any country. § 1.27(a)(3)(ii)(A).

An organization of the type described in section 501(c)(3) of the Internal Revenue Code of 1986 and exempt from taxation under section 501(a). Also included are such organizations located in a foreign country that would qualify if it were located in this country. § 1.27(a)(3)(ii)(B), (D).

A nonprofit scientific or educational organization qualified under a nonprofit organization statute of a U.S. state. Also included are such organizations located in a foreign country that would qualify if it were located in this country. § 1.27(a)(3)(ii)(C), (D).

Inventors: Ideker and Hood
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Page 3

Please note that a license to the Government resulting from a rights determination under Executive Order 10096 does not constitute a license that would prohibit claiming Small Entity Status. Similarly, for small business concerns and nonprofit organizations, a license to a Federal agency resulting from a funding agreement with that agency under 35 U.S.C. § 202(c)(4) is not a license that would prohibit claiming Small Entity Status. § 1.27(a)(4).

I hereby assert that I am empowered to sign on behalf of the party identified below ("Party"). Persons empowered to sign include an inventor him- or herself or an authorized officer of the assignee, where the assignee has at least an undivided part interest in the application or patent. § 1.27(c)(2).

I have made a determination of the Party's entitlement to Small Entity Status, including a determination that all parties holding rights in the invention qualify for Small Entity Status. § 1.27(f).

I hereby assert that the Party has not assigned, granted, conveyed or licensed--and is under no obligation under contract or law to do so--any rights in the invention to any other party that would not qualify as a Small Entity. If the rights in the invention held by the Party are not exclusive, each party having rights in the invention is listed below:

UNIVERSITY OF WASHINGTON

Separate assertions of Small Entity Status should be obtained from each party having rights to the invention.

Inventors: Ideker and Hood
Serial No.: 09/993,312
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Page 4

I hereby assert that the Party is entitled to be accorded Small Entity Status by the USPTO for the application or patent identified above. § 1.27(c)(1).

I understand that Small Entity Status must be newly determined when the issue fee and each maintenance fee is due. If there is any change resulting in loss of entitlement to Small Entity Status, I acknowledge the duty to file a notification to the USPTO in this application or patent before or upon paying the fee. § 1.27(g).

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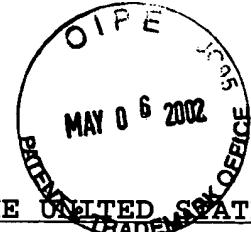
4/20/02

Date

G. Michael Arnold

G. Michael Arnold
Vice President and
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THE INSTITUTE FOR SYSTEMS BIOLOGY
1441 North 34th Street
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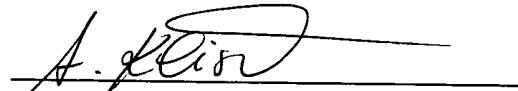
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Feb. 21, 2002

Date



Name: Annette Kleiser
Title: Technology Manager

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1107 NE 45th Street, Suite 200
Seattle, Washington 98105-4631